

Meeting minutes are to be considered as DRAFT until approved at next CSSC meeting.

MEMORANDUM FOR RECORD

7 February 2003
Revised 28 February 2003

SUBJECT: Corps Specifications Steering Committee Meeting

The Corps Specifications Steering Committee met 3 - 4 December 2002, at the LaQuinta Inn and Conference Center in Arlington, Texas. Freddie Rush called the meeting to order at 8:00 a.m. each day. There were 13 in attendance. The Attendance Roster and Agenda are attached as enclosures 1 and 2, respectively.

ANNOUNCEMENTS/WELCOME

Dave Barber, CESWD-MTE, will be retiring 3 January 2003. Robert Howell, CESWD-MTE, will be replacing him as the CSSC P.O.C. in CESWD.

HQUSACE has never funded the Lessons Learned module of Dr. Checks.
The MP CDUP program has been funded.
Civil Works Update Program was not funded.

The Federal Energy Regulatory Commission's (FERC) office in Washington, D.C. is working on the licensing requirements for hydroelectric power generation and should have them ready in June 2003.

HQUSACE/NAVY UPDATE

Another item for Tri-Service application is the Corps' SAFETY AND HEALTH REQUIREMENTS MANUAL, EM 385-1-1. One problem encountered involved the differences in the Services' missions. The Navy's is solely military whereas the Corps' includes both military and civil works. The Field and contractors will be given a chance to review the changes. The Safety Manual must apply to all missions, regardless whether some parts are applicable to individual projects or not. A draft of the revised manual is on the Internet for review. It is rumored that contractors do not like the revisions and the Field believe that there are too many unenforceable requirements in the draft.

REVIEW AND APPROVE MINUTES OF PREVIOUS MEETING

The minutes of the June, 2002 meeting were reviewed although not read. A motion was made to accept the minutes and seconded, and they were approved. It was mentioned that, in the future, the draft minutes should be put on the TECHINFO's web page.

QUERY RESULTS (SI, RMS)

The query results on the use of Specsintact and RMS are shown in Enclosures 3 and 4 respectfully. The SI Comments received from the District are Enclosure 5. Freddie Rush, CEMVD-TD-TE, will finalize the RMS Comments received from the Districts and forward them to the CSSC members for review and comment.

Funding for RMS and DrChecks were reduced from \$1,700,050 to \$841,000 and \$363,320 to \$209,000 respectively. Funding for Specsintact maintenance and guidance conversion was left intact at \$250,000.

1. Specsintact:

Although they are listed as non-responsive, SA Districts are thought to have fully implemented Specsintact. Don Carmen, CESAW-TS-EE, will check with the Charleston and Savannah Districts to see if they have fully implemented Specsintact.

Mobile District does all of the specification work using Specsintact.

Alaska District is using Specsintact.

Only two districts responded to the query as having not implemented SI. However, 10 districts did not respond. The CSSC estimated that five or six Districts are not using Specsintact. Memphis indicated they have little incentive to implement SI because of a large volume of routine river maintenance work. New Orleans indicated they have been too busy to implement. Europe and Japan Districts are using Specsintact to some extent although they are exempt from the mandatory usage requirement.

2. Resident Management System (RMS):

The query results indicate that fewer Districts have fully implemented RMS than those who have only partially implemented it, probably because RMS is still not fully developed.

UFGS-01312A CONTRACTOR QUALITY SYSTEM guide specification, first issued August 2001, is suppose to be the Field's guidance and instructions for using RMS. It should be included in the specifications in any project where the Contractor is required to use QCS.

RMS is suppose to have a Lessons Learned module but the funding for the implementation of this module, as well as for the Lessons Learned module for Dr. Checks, was zeroed.

SICCB UPDATE

The "SI Comments" and "Presentations & Items of Discussions," listed in Enclosures 5 and 6 respectfully, were discussed.

A new Specsintact Editor is out, ready to be downloaded from the Specsintact home page. It is included in the Beta version of Specsintact SI4 which essentially makes the Specsintact Explorer and Editor more MS Windows look-alike. It is now downloadable from the Specsintact home page. The new SpecsIntact Editor features include Improved Stability and Display, Editor Tool Bar Enhanced, Draft Color Printing, New Zoom Feature, New Options Dialog Box, Mouse Over Hints, Reference Wizard, Greater Editing Control with Tags Hidden, Changing Text Case, Enhanced Spell Checker, and URL Hyperlinks. This version will now print Job masters in color, providing you have a color printer.

InDyne is working on the following improvements:

- a "Screen Refresh" button
- a Specsintact Viewer, essentially a separate minimized Editor program capable of viewing .sec files and having minor editing functions for those individuals who do not require the full program.
- fixing section verifications to print blank brackets
- highlighting screen tags
- extending the job identification name beyond the current 8 characters to the Windows standard of 28 characters
- making Specsintact fully XML compliant, sometime within the next 12 to 18 months. XML compliancy will allow headers and footers to be created and viewed in the Editor.
- fixing the Table function, but this will not occur until XML compliancy.
- creating an optional numbering system such as the CSI's alpha-numeric system
- Using MaxView's web author, create a button that will allow the viewing and printing of selected drawing sheets from the Editor.

The new SI version 4.0 Editor will create hyperlink URLs to the Internet. The current version of UFGS-01420 SOURCES FOR REFERENCE PUBLICATIONS has URL address hyperlinks for each of the standard organizations. HQUSACE has no problem with retaining the hyperlinks in final pdf contract

documents as long as there is a disclaimer acknowledging the Government is not responsible for the hyperlink accuracy or the up-to-date-ness of the hyperlinked site. The disclaimer would need to be written by each District's Office of Counsel.

Adobe Acrobat 5.0 suite (not the Reader alone) will allow the printing of pdf files to RTF format.

Security of the files from individuals other than the editor was discussed but no action taken. The passwording of files through Specsintact will cost too much. It was recommended that file security be addressed through the password protection features of Microsoft Explorer and Windows.

UFGS MAINTENANCE

Neither the Corps nor the Navy have the resources to adequately maintain 100% of the guides each year. The Navy is committed to converting 10 sets of guides and the Corps 15 sets to the UFGS system during FY03.

Jim Quinn, CEHNC-ED-ES, made the following motion to eliminate most of the A's and N's from the guide specifications: "To eliminate all of the A's and N's from the UFGS database except where there are duplicate section numbers." This would in effect reduce the number of guides having A's and N's in the file name, section number, and text to about 20. The Specsintact Explorer's Add Section Window is being modified to add a proponent's column indicating whether the guide is maintained by Army or Navy. Jim will coordinate with the Navy. Terry Vitt, CESWF-EC-AC, proposed an amendment to change "duplicate section numbers" to read "duplicate section numbers and similar titles." This would reduce the number of guides having A's and N's down to 150 guides out of a total of about 500 guides. The amendment was defeated as everyone wants to eliminate the A's and N's as soon as possible. Joe Miller, CENWD-MT-E, proposed that the motion be tabled until the proposal (see Enclosure 8) is finalized, sent to the Districts, by the CSSC Division representatives, for review and approval, and then to the CSSC Committee by e-mail for voting in mid-January, 2003. The motion carried.

Steve Freitas, CESPKE-ED-M, suggested that we allow Districts to provide local guidance in UFGS sections within SpecsIntact Tailoring Tags <TAI>. The Committee decided that inclusion of local guidance in UFGS would prove to be unmanageable for Huntsville to maintain. Maintaining the UFGS requires coordination between Navy and Army proponents as it is. Adding in a local review by all districts for their specific issues would push the maintenance cycle to an unreasonable duration.

2003 INFRASTRUCTURE CONFERENCE

The 2003 Infrastructure Conference will be May 6 through 8, 2003 in Las Vegas, Nevada. The Specifications program agenda was discussed. With respect to the Design-Build session, it was mentioned that the Navy had started using PerSpective but are now trying to develop new guides and requiring the technical requirements to conform to the UFGS guides. With respect to the RMS Session, Bruce Pastorini, CESAJ-CO-CQ, mentioned that Contractors are becoming really interested in RMS. The Committee agreed that the CSSC Meeting should be as scheduled for the afternoon of Thursday, May 8, 2003.

Steve Freitas, CESPKE-ED-M, mentioned that InDyne, the Specsintact Contractor, wants to set up a booth at the Conference but does not have the funds to do so. They would only be able to come for the one day for their program. Steve said, since Specsintact is required software, it would be in the Corps' best interests for InDyne to have a booth for the entire Conference and that the Corps should waive the booth's fee for them. The Committee members concurred and Freddie Rush agreed to talk with Rick Dahnke about waiving the fee. Freddie Rush will also discuss with Rick Dahnke the possibility of the HQUSACE furnishing the registration fees and per diem for District members to attend the Conference.

With respect to the individual seminars, it was decided that:

- Wednesday's Seminar for CADD/GIS would be an overall view of the CADD/GIS systems and how they relate to specifications and Specsintact;
- the Wednesday's 4:00 pm Panel Discussions should have representatives from CSI, NASA, and Specsintact on the Panel; and
- for the Thursday's Basic and Advanced Specsintact Seminars, Don Carmen agreed to be the Moderator so that Steve Freitas would only have to wear one hat – just the Instructor.

Freddie Rush will work with Rick Dahnke in getting the seminar presenters lined up.

NON-GOVERNMENT STANDARDS (IHS)

Access to non-Government standards through Information Handling Services (IHS) is finally on-line at <http://www.ihserc.com>. It is accessible only to Division and District home office personnel, and only limited users can use it at any one time. At this time, Field personnel can only use it through someone at the Division or District office (i.e. someone at the District office is allowed to download a standard and e-mail it to someone in the Field office, but only to Corps personnel. Also, the Japan, Far East, and Europe District offices do not have access yet. HQUSACE intends to have the next modification to the IHS contract add the Corps' Field personnel added to the permissions list.

MASTERFORMAT REVISIONS

The new CSI MasterFormat will be published in FY04. The latest CSI plan is to change the proposed 43 Divisions to 49 Divisions (Draft Scheme A) with an alternate Draft Scheme B which is a new proposal completely revising the traditional arrangement of MasterFormat by subdividing the "construction" tasks into 9 Categories and 88 sub-categories. CSI did discuss the proposed changes with the Corps but only with CERL, not with HQUSACE. It was thought that the Corps needed to get a representative on the CSI MasterFormat committee. Freddie Rush, CEMVD-TD-TE, will discuss with Rick Dahnke, CECW-ET, to try to get CSI to send a speaker to the Infrastructure Conference in Las Vegas next year.

Freddie Rush, CEMVD-TD-TE, will check with Rick Dahnke, CECW-ET, to see if the Corps will be sending anybody to the CSI Convention in Chicago new year.

APRIL 2003 CSI CONVENTION

CSI has moved its annual convention from June, 2003 to April, 2003. Since we have been holding our June meeting in conjunction with the CSI Convention, Freddie Rush, CEMVD-TD-TE, asked if we wanted to continue to do so and move the June meeting to April and not meet at the Infrastructure Conference in February, 2003. No decision was made but the consensus seems to be to meet in February after the Infrastructure Conference and then again in June.

SI USERS GROUP

Users Groups were discussed in general. The groups are set up in the Portland District. It was mentioned that there was a Users Group for dredging. It was recommended that Users Groups should be discussed and their use encouraged at the Infrastructure Conference next year. Some Districts have reorganized and have eliminated their Specifications Section. Steve Freitas, CESP-K-ED-M, requested a current list of Specifications P.O.C. for each District.

DRCHECKS (DQLL & QA)

DrChecks is a review comment, analysis, action taken, and backcheck documentation system, and includes provisions to make a comment a Lesson, tying into Design Quality LLDQLL/CLL has four stages (Capture, Gatekeeping, Use, and Sunsetting) and you can search by keyword, category code, District, etc. You can only put lessons learned into the system in one category (i.e. Electrical, Mechanical, Structural), not by multiple categories. Most Districts are only using the review and comment portion at the present time. Robert Howell, CESWD-MTE, recommended that HQUSACE require mandatory usage of DrChecks for any project that is reviewed, in addition to the normal plans/specs review already requiring DrChecks usage per ER 1110-1-8159. It was mentioned that we have great tools in programs such as UFGS, RMS, SI, and DrChecks, but these are all separate databases; we need a central point of management for these databases.

UPDATE JOINT ER

There will not be a joint ER for drawings and specifications, but the ER for specifications does need to be updated. Ray Duncan will write the ER and submit the draft to the CSSC Committee for review and approval. A draft copy of the scope of work for the Joint Engineer Regulation on Specifications was shown to the Committee but it is not attached to these minutes.

PROJECT MANUAL ARRANGEMENT

Doug Crum, CEMVP-ED-D, and Don Carman, CESAW-TS-EE, passed around copies of their recommendations (Enclosure 8) for changing the EFARS PART 14 – SEALED BIDDING, SUBPART 14.2 – SOLICITATION OF BIDS to closer reflect the CSI formatting specified in PARC's Instructional Letter IL 92-4 (18 Dec 1992) and CSI's MasterFormat. The requested changes principally affect the Division 0 sections and their titles, such as changing Section 00700 CONTRACT CLAUSES to 00700 GENERAL CONDITIONS to reflect MasterFormat and private industry's nomenclature, and the FAR clauses required to be in Sections 00600, 00700, and 00800. There should be a common sense approach to the location of information and in following the CSI format. They felt that the location of the clauses, now apparently arbitrarily determined by Contracting, should be more regulated so that they will be easier to locate within the Contract - such as the clauses that were not subject to "revisions" (i.e. fill-in blanks) be inserted into Section 00700 and those that required inserts and other minor changes into 00800. Terry Vitt, CESWF-EC-AC, with Bruce Pastorini's, CESAJ-CO-CQ, concurrence, requested that 00300 INFORMATION AVAILABLE TO BIDDERS be added to the list of Division 0 sections to cover any solicitation information that bidders would need but would not be apart of the Contract. Since changes to the FAR is responsibility of the PARC, it was felt that we needed to do some relationship building with the PARC in order for them to listen to our suggestions. We need to assure the PARC that any changes to the FAR and EFARS would not incur any additional cost to SPS software development and enhancements. Since the current EFARS Part 14.2 refers to 16 Divisions and the number of Divisions in MasterFormat will soon be changing, it was felt that CSI has given us a foot in the door in proposing changes to the EFARS. It was decided to postpone any action here until the MasterFormat changes are final. Freddie Rush said he would talk with Rick Dahnke about these future proposed changes.

NEW ISSUES

Don Carmen suggested that the CSSC web page needs updating. Steve Freitas said he had started some changes. Steve and Don will work with Jim Quinn on revisions.

HQUSACE is looking into electronic signature and encryption capabilities and the possibility of putting encrypted documents and solicitations on the Corps' web site but they would only be accessible to those have a key or code to view them. Encryption is a form of electronic signature. The paperwork recycling law requires all military and civilian agencies to have EBS and electronic signature capabilities by 2003.

Steve Freitas, CESP-K-ED-M, will do a position paper detailing the various technologies available and forward to the CSSC members.

UFGS guide specifications 14210A ELEVATORS, ELECTRIC, 14211A ELEVATORS, ELECTRIC, FOR CIVIL WORKS, and 14240A ELEVATORS, HYDRAULIC are being revised, in coordination with the Navy.

STATUS OF UFGS

The Pittsburgh District has finished drafting a concrete restoration guide specification and has sent it to HQUSACE for review.

a. DREDGING GS: Don Carmen, CESA-W-TS-EE, finished a draft for UFGS-02325 DREDGING and handed out copies to all Committee members. A dredging guide is needed since Districts are either using modified versions of the Corps' 40-50 year old guide or their own developed ones. Also, the Navy guide (02325N) does not adequately address much of the Corps dredging work. The guide is still in the final draft category and will not be ready for District review until the end of January 2003 when Specsintact versions will be sent to the Districts and Word versions to the Divisions. The guide allows input of local requirements. During his research, Don discovered that most Districts were using EFARS clause VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS (EFARS 52.212-5001 MAR 1995), some probably inappropriately. The first note in the Guide explains the difference between the two dredging clauses, VARIATIONS IN ESTIMATED QUANTITIES - DREDGING (OCE 1985 JAN) and VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS (EFARS 52.212-5001 MAR 1995). Use either, but when quantities can be identified (i.e., following the ERs to make timely surveys and identify scope of material to be included in a spec), VARIATIONS IN ESTIMATED QUANTITIES - DREDGING is preferred. Don said he would have the Guide ready for District review by 31 January 2003 when he would e-mail it to Freddie Rush and Rick Dahnke.

b. COMBINING UFGS: In FY03, the Corps will be revising and adapting 15 guide specifications to the UFGS system, and the Navy 10 sets, for a total of 25 guides. See the subject UFGS MAINTENANCE for a discussion of the elimination of the A's and N's in the guides.

NEW/UPDATE UFGS

Techinfo web page: Engineering Pamphlets (EP) are not on the Techinfo but there is a link to the documents location on the HQUSACE web page. This is because they are not Techinfo documents; they are HQUSACE documents. This is true for all of the Engineering publications accessible through Techinfo, including the Unified Facilities Criteria (UFC).

Steve Freitas, CESP-K-ED-M, mentioned that there was a need for an overhead crane for hydraulic structures guide specification. UFGS guide specifications 14601A CRANES, BRIDGE & GANTRY, TOP RUNNING, 30-TON MAXIMUM CAPACITY and 14602A CRANES, SINGLE-GIRDER BRIDGE, MONORAIL AND JIB apply to military building construction and are not very adaptable to civil works locks, dams, and hydropower structures. If not created new, then these guides should be revised. It was recommended that those who have overhead crane requirements for locks and dams to contact the Portland District who is the Corps hydropower design center of expertise.

OPEN DISCUSSION/NEXT MEETING

Freddie Rush and the Committee thanked Dave Barber for his service and support of the CSSC Committee and wished him well in his retirement.

The next CSSC Meeting will be Thursday, May 8, 2003, after the Specifications Workshop, Corps Infrastructure Conference, in Las Vegas, Nevada.

A motion was made to adjourn at 10:07 a.m. It was seconded and approved.

Terry W. Vitt, CESWF-EC-AC
7 February 2003

ENCLOSURE 1

**CORPS SPECIFICATIONS STEERING COMMITTEE MEETING
ATTENDANCE ROSTER**

Dallas (Arlington), Texas
3 – 4 December 2002

Name	Organization	Phone
Freddie S. Rush	CEMVD-TD-TE	601-634-5936
Robert Howell	CESWD-MTE	214-767-2372
David W. Barber	CESWD-MTE	214-767-2385
Jim Quinn	CEHND-ED-ES	256-895-1821
Hon-Ping Chee, (Bingo)	CEPOD-CW-T	808-438-6965
Don Carmen	CESAW-TS-EE	910-251-4656
Joe Miller	CENWD-MT-E	402-697-2649
Steven P. Freitas	CESPK-ED-M	916-557-7296
Bruce Pastorini	CESAJ-CO-CQ	904-232-1699
Terry W. Vitt	CESWF-EC-AC	817-886-1913
John Kerkowski	CENAD-MT-EC	718-765-7090
Doug Crum	CEMVP-ED-D	651-290-5645
Robert Iseli	CELRD-MT-E	513-629-2997

ENCLOSURE 2

AGENDA CORPS SPECIFICATIONS STEERING COMMITTEE

TUESDAY, 3 DECEMBER 2002

0800 - 0805	Announcements/Welcome	Rush
0805 - 0810	Review Agenda	Rush
0810 - 0830	HQUSACE/Navy Update	Dahnke/Kersten
0830 - 0840	Review and Approve Minutes of Previous Meeting	CSSC
0840 - 0900	Query Results (SI,RMS)	Rush
0900 - 0945	SICCCB Update	Quinn/Freitas
0945 - 1000	UFGS Maintenance	Dahnke/Quinn/Kersten
1000 - 1020	Break	
1020 - 1145	2003 Infrastructure Conf.	CSSC
1145 - 1300	Lunch	
1300 - 1330	Non-Gov. Standards (IHS)	CSSC
1330 - 1345	MasterFormat Revisions	CSSC
1345 - 1400	April 2003 CSI Convention	CSSC
1400 - 1415	SI Users Group	Freitas
1415 - 1430	DrChecks (DQLL & QA)	Dahnke/Miller
1430 - 1445	Break	
1445 - 1530	Update Joint ER	Rush
1545 - 1615	Project Manual Arrangement	Carmen
1615 - 1630	Summary & Recap	CSSC

WEDNESDAY, 4 DECEMBER 2002

0800 - 0900	New Issues	CSSC
0900 - 0930	Status of UFGS	
	Dredging GS	Carmen
	Combining UFGS	Quinn/Kersten
0930 - 0945	Break	
0945 - 1015	New/Update UFGS	CSSC
1015 - 1045	Open Discussion/Next Meeting	CSSC
1045 - 1100	Summary and Recap	CSSC

ENCLOSURE 3

SI IMPLEMENTATION

<u>FULLY</u>	<u>PARTIALLY</u>	<u>NOT AT ALL</u>	<u>NO RESPONSE</u>
NWK	NWP	MVN	SAC
NWO	NWS	MVM	SAJ
NWW	SWL		SAS
LRP	LRN		SWG
SWF	MVS		SWT
LRB			SPA
LRC			SPL
LRH			POJ
LRE			POA
LRL			
MVK			
MVR			
MVP			
SPK			
SPF			
POF			
NAE			
NAN			
NAP			
NAB			
NAO			
POH			
SAW			
SAM			

ENCLOSURE 4

RMS IMPLEMENTATION

<u>FULLY</u>	<u>PARTIALLY</u>	<u>NOT AT ALL</u>	<u>NO RESPONSE</u>
NWK	NWO		
NWS	NWP		POJ
SPF	NWW (?)		POA
POF	SWL		SAC
MVR	LRP		SAJ
NAE	SWF		SAS
NAN	LRC		SWG
NAP	LRH		SWT
NAO	LRE		MVM
POH	LRN		MVN
MVP	LRL		SPA
	LRB		SPL
SPK	NAB		
	MVS		
	SAW		
	MVK		
	SAM		

ENCLOSURE 5

SI COMMENTS

- Eliminate spacing between metric and English tags
- Make table function more user friendly
- Spell check all sections
- Consistent format on all sections
- Consistent abbreviations on measurements
- Consistent acronyms
- Capitalize “Federal” and “Government” and “Contractor”
- More stability and speed
- Tailoring systems are a real asset
- Not difficult to use
- Cumbersome and difficult to use
- Simplify file management strategy
- Need button to save final spec in the .sec
- Wordspec to SI conversion does not work too well
- Getting easier to use with the last version
- Integrating SI with SPS requires specs in Word format
- Problem with submittal register program and RMS
- Security
- Roll up of specification files
- Current version very effective so “tinkering” should stop

ENCLOSURE 6

PRESENTATIONS & ITEMS OF DISCUSSIONS

- In reference data in Part I add statement that industry standard would be latest available at time of bid (1)
- Align UFGS with MasterFormat (2)
- Guide specifications for supply and services contracts (3)
- Proper procedures for EBS (1)
- RMS and the Small Project Office (2)
- Correlation required between SI submittal program and RMS (1)
- Security (1)
- Roll up of specification files (2)
- Training (3)
- CSSC activities since last workshop (1)
- Updates on latest version of SI and RMS (2)
- Building electronic bid set (3)
- Training in using RMS with Contractors (1)
- Revise submittal register form from SI to RMS (2)
- Training spec writers on types of contract clauses to use (3)
- Designers need to have input on deciding GA for submittals and making sure ED is funded for the submittal review effort (1)
- RMS-SI interface for design-build contracts (2)
- SI training for contractors, designers, and field offices (3)
- Central website for library of references in UFGS (1)
- Complete combining of UFGS (2)
- Future development plans for SI (3)
- Restructuring of CSI MasterFormat (1)
- Design-Build process vs. future role of Specs Engr (2)
- CSI professional certificates vs. Government Specs Engr (3)
- Text “wrapping” when editing (1)
- N and A designations are pains (2)
- Revise specifications sections to coincide with RMS-W scheduling requirements (3)
- Conversion from Word to SI (1)
- Maintenance of UFGS and appropriate funding (1)
- New CSI numbering system (2)
- Construction Documents/Specs format & CSI Adaptation (1)
- Dredging UFGS (2)
- Best Value Contracts (3)

ENCLOSURE 7

SPECIFICATIONS WORKSHOP AGGENDA

Workshop Name				
Time				
		Monday - May 5		
12:00 PM	-	8:00 PM	Registration	
5:00 PM	-	8:00 PM	EXHIBIT HALL OPEN	
		Tuesday - May 6		
		Platinum and Gold Rooms		
7:00 AM - 8:00 AM		Coffee		
8:00 AM - 8:30 AM		Opening Ceremony		
8:30 AM - 9:00 AM		Opening Ceremony		
9:00 AM - 9:30 AM		Opening Ceremony		
9:30 AM - 10:00 AM		Break		
10:00 AM - 10:30 AM		Opening Ceremony		
10:30 AM - 11:00 AM		Opening Ceremony		
11:00 AM - 11:30 AM		Opening Ceremony		
11:30 AM - 12:00 PM		Lunch and Exhibit Hall Visit		
12:00 PM - 12:30 PM				
12:30 PM - 1:00 PM				
1:00 PM - 1:30 PM				
Room				
Moderator		Jim Quinn		
1:30 PM - 2:00 PM		Specifications Today		
2:00 PM - 2:30 PM		MasterFormat Revision		
2:30 PM - 3:00 PM		Whole Building Design Guide		
3:00 PM - 3:30 PM		Exhibit Hall Visit		
3:30 PM - 4:00 PM				
Room				
Moderator		Steve Goodin		
4:00 PM - 4:30 PM		Non-Government Standards		
4:30 PM - 5:00 PM		UFGS & TechInfo		
5:00 PM - 5:30 PM		Design Build Specifications		
5:30 PM - 8:00 PM		Exhibit Hall Visit		

Wednesday - May 7

7:00 AM - 8:00 AM	Exhibit Hall and Coffee		
Room			
Moderator	Joe Miller		
8:00 AM - 8:30 AM	ER 1110-1-1155 Update		
8:30 AM - 9:00 AM	CADD/GIS		
9:00 AM - 9:30 AM	Dredging UFGS		
9:30 AM - 10:00 AM	Exhibit Hall Visit		
10:00 AM - 10:30 AM			
Room			
Moderator	Steve Freitas		
10:30 AM - 11:00 AM	SpecsIntact		
11:00 AM - 11:30 AM	SpecsIntact		
11:30 AM - 12:00 PM	SpecsIntact		
12:00 PM - 12:30 PM	Lunch and Exhibit Hall Visit		
12:30 PM - 1:00 PM			
1:00 PM - 1:30 PM			
1:30 PM - 2:00 PM			
Room			
Moderator	Don Carmen		
2:00 PM - 2:30 PM	Amendments in SI		
2:30 PM - 3:00 PM	RMS		
3:00 PM - 3:30 PM	DrChecks		
3:30 PM - 4:00 PM	Exhibit Hall Visit		
Room			
Moderator	Freddie Rush		
4:00 PM - 4:30 PM	Panel Discussion		
4:30 PM - 5:00 PM	Panel Discussion		
5:00 PM - 5:30 PM	Panel Discussion		
5:30 PM - 8:00 PM	Exhibit Hall Visit		

Thursday - May 8

7:00 AM - 8:00 AM	Exhibit Hall and Coffee			
Room				
Moderator	Steve Freitas			
8:00 AM - 8:30 AM	Basic SpecsIntact			
8:30 AM - 9:00 AM	Basic SpecsIntact			
9:00 AM - 9:30 AM	Basic SpecsIntact			
9:30 AM - 10:00 AM	Exhibit Hall Visit			
10:00 AM - 10:30 AM				
Room				
Moderator	Steve Freitas			
10:30 AM - 11:00 AM	Advanced SpecsIntact			
11:00 AM - 11:30 AM	Advanced SpecsIntact			
11:30 AM - 12:00 PM	Advanced SpecsIntact			
12:00 PM - 12:30 PM	END OF CONFERENCE			
1:00 PM - 1:00 PM	CSSC Meeting			
1:30 PM - 1:30 PM	CSSC Meeting			
2:00 PM - 2:00 PM	CSSC Meeting			
2:30 PM - 2:30 PM	CSSC Meeting			
3:00 PM - 3:00 PM	CSSC Meeting			
3:30 PM - 3:30 PM	CSSC Meeting			
4:00 PM - 4:00 PM	CSSC Meeting			
4:30 PM - 4:30 PM	CSSC Meeting			

ENCLOSURE 8

UFGSa&n.doc

6 December 2002

"A" and "N" DESIGNATIONS FOR UFGS SPECIFICATIONS

In the conversion of CEGS and NFGS guide specifications to UFGS documents, designations of "A" and "N" were established to identify the Preparing Activity of each document. For example if NAVFAC were the Preparing Activity for section 01111, this section was put into the UFGS system as 01111N. The 01111N designation would show as the file name (01111N.sec), as the identifier in the banner (UFGS-01111N) in the banner, and as the section number (SECTION 01111N) in the title block.

In addition to identifying the Preparing Activity, the intent of the "A" and "N" designations was to flag guide specifications that should later be combined. When these similar guide specifications were combined, the single combined specification would supersede the corresponding agency "A" and "N" sections. Example: 01111N and 01111A would be combined as 01111, which would supersede 01111N and 01111A. If NAVFAC were the Preparing Activity of the new section 01111, the banner of the guide specification would carry the notation "Preparing Activity: NAVFAC", the file name would be "01111.sec", the identifier in the banner would be "UFGS-01111", the section number in the title block would be "SECTION 01111". The initial plan was that within five years all necessary combinations would be completed and there would no longer be any sections with "A" and "N" designations.

Guidance for use of UFGS specifications states "Users of UFGS should first consider a UFGS without an alpha designation if one is available and next a UFGS with an alpha designation of their agency, and lastly a UFGS with an alpha designation of another agency". The use of "A" and "N" designations facilitated determining which sections should be used in a project to meet the guidance.

As indicated above, temporary use of "A" and "N" designations served three purposes:

1. Identification of Preparing Activity.
2. Identification of sections to be combined.
3. Identification of sections for job use priority.

Currently guide specification indices for the internet and the index generated by the browser of the January 2003 SpecsIntact software release identify the Preparing Activity of each section. An example entry is:

01111 03/99 NAVFAC SECTION TITLE

These indices now accomplish purpose 1 and purpose 3 of the "A" and "N" designations. Purpose 2 of the "A" and "N" designations is not accomplished by the indices, but except where the same number is used for two sections on the same subject the "A" and "N" designations are not critical. It would be possible to remove the "A" and "N" designations from those sections that have the same number simply by changing the number of one of the sections.

When "A" and "N" sections are used in a project, the specifier has to decide whether or not to retain those designations in the file name and the title block (the designation in the banner is part of a note, and notes are never included in project specifications). A decision to delete these designations, because of local practice or any other reason, requires an additional effort on the part of the specifier. In addition the use of "A" and "N" designations creates a continuing problem in the reconciliation of references to other sections, since there is a gradual process of changing section numbers as the "A" and "N" designations are removed through combining of sections and otherwise.

A recommendation has been made to immediately eliminate the "A" and "N" designations for all sections except those which have the same number and further to consider changing one of the duplicate numbers where they exist so that the "A" and "N" designations could also be eliminated in those cases.

The thoughts and opinions of people preparing project specifications is requested prior to taking any action toward implementation of the recommendation.

* * * * *

ENCLOSURE 9

PROPOSED EFARS PART 14 SEALED BIDDING CHANGES

PART 14 – SEALED BIDDING

SUBPART 14.2 – SOLICITATION OF BIDS

14.201 Preparation of invitation for bids.

14.201-1 Contract format for USACE construction contracts

(a) For USACE construction contracts, the following construction contract format (CCF) shall be used in lieu of the Uniform Contract Format (UCF). The following general rules apply to the CCF:

1. Sections 000 10,001 00 and 00600 include provisions in the solicitation, but not in the contract.
2. Section 00700 General Conditions include principles common to most construction contracts. The General Conditions include standard published FAR, DFAR or EFAR clauses that do not require modification or the insertion by the Government of fill-in material, including alternates and authorized deviations, but excluding clauses that require input of information specific to the contract. Section 00700 does not include local clauses developed for use at a sub organizational level of an agency.
3. Section 00800 Special Contract Requirements are prepared to modify and expand the general conditions as needed to accommodate the unique requirements of a specific project. The Special Contract Requirements include clauses that require modification or the insertion by the Government of fill-in material. The Special Contract Requirements normally consist of, but are not limited to, standard published FAR, DFAR or EFAR clauses. FAR prescriptions as “optional” or “when applicable” do not affect placement of clauses between section 00700 and 00800.
4. Division 01 includes the General Requirements that specify administrative requirements, procedural requirements, and temporary facilities and controls. Administrative and procedural requirements are those relating to the process of contract administration, the assignment of contractual responsibilities, and the methods of communicating, verifying, and coordinating requirements for quality assurance. General Requirements govern the execution of the work of all sections of the specifications.
5. Divisions 02 through 16 (02 through 43) include UCF Section C, with subtitles in accordance with construction industry practice.

(b)(1) The CCF organization is:

00010 Solicitation / Contract Form

SF 1442

UCF Section A. Solicitation / Contract Form

UCF Section B. Supplies or Services & Prices/Costs

00100 Schedule / Instructions to Offerors

UCF Section L. Instructions, Conditions & Notices to Offeror

UCF Section M. Evaluation Factors for Award

00600 Representations & Certificates

EH32 Section K. Representations, Certifications & Other Statements of Offeror

00700 General Conditions

UCF Section I. Contract Clauses

00800 Special Contract Requirements

UCF Section H. Special Contract Requirements

01000 Division 01 General Requirements

UCF Section C.

02000 - 43000 Divisions 02 - 43 Technical Provisions

UCF Section C.

(b)(2) Some UCF chapters (i.e. D. Packaging and Marking, E. Inspection & Acceptance, F. Deliveries or Performance, and G. Contract Administration Data) do not have corresponding placement in the CCF.

(b)(3) FAR clause assignment in the CCF is indicated in Table 1 for construction clauses without UCF placement prescribed in the FAR matrix, and those assigned to UCF chapters D, E, F or 6. EFAR clause assignment in the CCF is indicated in Table 2. DFAR clause assignment should follow these rules and examples.

TABLE I. FAR CLAUSES

Clause	Title (Including Alternates)	UCF	CCF
52.21 1-8	Time Of Delivery.	F	00800
52.21 1-9	Desired And Required Time Of Delivery.	F	00800
52.211-10	Commencement, Prosecution, And Completion Of Work.		00800
52.211-12	Liquidated Damages - Construction.	-	00800
52.211-13	Time Extensions.	-	00800
52.211-18	Variation In Estimated Quantity.	-	00700
52.21 9-5	Very Small Business Set-Aside.	-	00700
52.222-23	Notice Of Requirement For Affirmative Action To Ensure Equal Employment Opportunity For Construction.		00800
52.222-27	Affirmative Action Compliance Requirements For Construction	-	00700
52.222-30	Davis-Bacon Act - Price Adjustment (None Or Separately Specified Method).	-	00700
52.222-31	Davis-Bacon Act - Price Adjustment (Percentage Method).	-	00800
52.222-32	Davis-Bacon Act - Price Adjustment (Actual Method).	-	00700
52.225-9	Buy American Act - Construction Materials.	-	00800
52-225-1 1	Buy American Act - Construction Materials Under Trade Agreements.	-	00800
52.227-4	Patent Indemnity - Construction Contracts.	-	00700
52.232-5	Payments Under Fixed-Price Construction Contracts	-	00700
52.236-1	Performance Of Work By The Contractor.	-	00700
52.236-2	Differing Site Conditions.	-	00700
52.236-3	Site Investigation And Conditions Affecting The Work.	-	00700
52.236-4	Physical Data.	-	00800
52.236-5	Material And Workmanship.	-	00700
52.236-6	Superintendence By The Contractor.	-	00700
52.236-7	Permits And Responsibilities.	-	00700
52.236-8	Other Contracts.	-	00700

52.236-9	Protection Of Existing Vegetation, Structures, Equipment, Utilities, And Improvements.	-	00700
52.236-10	Operations And Storage Areas.	-	00700
52.236-11	Use And Possession Prior To Completion.	-	00700
52.236-12	Cleaning Up.	-	00700
52.236-13	Accident Prevention.	-	00700
52.236-14	Availability And Use Of Utility Services.	-	00700
52.236-15	Schedules For Construction Contracts.	-	00700
52.236-16	Quantity Surveys.	-	00700
52.236-17	Layout Of Work.	-	00700
52.236-18	Work Oversight In Cost-Reimbursement Construction Contracts	-	00700
52.236-19	Organization And Direction Of The Work.	-	00700
52.236-21	Specifications And Drawings For Construction.	-	00700
52.242-14	Suspension Of Work.	-	00700
52.246-11	Higher-Level Contract Quality Requirements	E	00800
52.246-12	Inspection Of Construction	-	00700
52.246-21	Warranty Of Construction.		00700
52.247-33	F.O.B.Origin, With Differentials.	F	00700
52.247-52	Clearance And Documentation Requirements - Shipments To DOD Air Or Water Terminal Shipment Points.	F	00800
52.248-3	Value Engineering - Construction.	-	00700
52.249-6	Termination (Cost Reimbursement).	-	00700
52.249-10	Default (Fixed Price Construction).	-	00700
52.21 2-5000	Evaluation Of Subdivided Items.	-	00800
52.21 2-5001	Variations In Estimated Quantities - Subdivided Items.	-	00800
52.214-5000	Apparent Clerical Mistakes.	-	00700
52.231-5000	Equipment Ownership And Operating Expense Schedule.	-	00700
52.232-5000	Payment For Materials Delivered Off-Site	-	00800
52.232-5001	Continuing Contracts.	-	00800
52.232-5002	Continuing Contracts (Alternate).	-	00800
52.236-5000	Plant And Material Removal After Contract Termination.	-	00700
52.249-5000	Basis For Settlement Of Proposals.	-	00700

ENCLOSURE 10

UFGS 02325 DREDGING (DRAFT)

SECTION 02325

DREDGING (DRAFT) 11/02

PART 1 GENERAL

1.1 DESCRIPTION OF WORK

The work consists of furnishing plant, equipment, materials and labor to perform dredging and associated work as required by these specifications and the drawings for [insert project name as it appears on the cover of the specifications].

Work consists of [insert major work items]

1.2 RELATED SECTIONS

[01270 Measurement and Payment]

[01312 Quality Control System]

[01355 Environmental Protection (Include as applicable, special procedures for: endangered species, water quality/turbidity, contaminated dredge material, environmental windows restricting dredging and blasting restrictions. (Locally developed sections separate from Section 01355 for any of these topics are acceptable)]

[01451 Contractor Quality Control]

[[02200][_____] Blasting (locally prepared section)]

1.3 SUBMITTALS

The following shall be submitted to the Contracting Officer in accordance with Section 01330, "Submittal Procedures."

[Dredging Plan]; [Project Specific Management Plan (PSMP)]

[Dredged Material Disposal Plan]

[Traffic Control Plan]

[Emergency Plan for Obstructions to Navigation]

[Ocean Disposal Verification Data]

[Debris Screen Design] (required if mechanical dredge is to be used to perform work)

[Turtle Deflector Device Design](required if hopper dredge is to be used to perform work)

[Inflow Basket or Screen Design](required if hopper dredge is to be used to perform work)

[Blasting Protection Plan

Prior to blasting, submit a plan for protection of surrounding structures, equipment, and vessels.]

[Seismic Monitoring Plan

Prior to dredging, submit proposed plan to monitor vibrations. Address preconstruction structure survey, during construction seismic monitoring, proposed resolution of damage claims.]

[Contractor Furnished Disposal Site

Documentation of permission of land owner, State and Local Fish and Wildlife and Environmental Protection Agencies to use site for dredge disposal.]

Surveys

Certified pre-construction [and post-construction] hydrographic and topographic survey data and as-built drawings using survey standards in EM 1110-2-1003.

[Proof of Insurance

Certificate of liability insurance for damages at Contractor furnished disposal site(s).]

1.4 WORK COVERED BY CONTRACT PRICE

See Bid Schedule. [The contract price(s)per cubic yard for the "Unclassified Excavation" sub-items includes all costs associated with plant, equipment, materials, and labor required for removal and disposal of all dredged material] [Dredging unit prices are based on cubic yards removed from dredge areas and based on hard materials and soft materials as listed in bidding schedule.]

1.5 REFERENCES

Publication below forms part of contract to extent referenced. Publications are referred to in text by basic designation only.

ENGINEERING MANUAL (EM)

EM 1110-2-1003 (31 Oct 94) Hydrographic Surveying

EM 385-1-1 (1996) Safety and Health Requirements Manual

1.6 CHARACTER OF MATERIALS

[Detailed description of physical properties, indicate if samples are available for inspection.] [Soil borings logs provided as [Information Available to Bidders - Geotechnical Information] [Soil boring logs are located in Section]

[Material to be removed includes deposited silts, clays and muds], [new material] and includes sunken natural and man made debris including [trees, stumps],[man made solid waste including: [shopping carts, auto parts], ship and dock debris including: anchor chain, fender tires, metal bands, pallets, pieces of broken cable, rope, fire hose, and broken piles.] [_____]

1.6.1 Hard Materials

[Material to be removed includes hard material.] Hard materials are primarily [type of rock, density, etc.]

1.7 ENVIRONMENTAL REQUIREMENTS

[See Section 01355 Environmental Protection (Includes, as applicable, special procedures for: endangered species, water quality/turbidity, contaminated dredge material, environmental windows restricting dredging and blasting restrictions)]

[Comply with conditions and requirements of local, State and Federal permits. Comply with harbor restrictions as follows: [LOCAL REQUIREMENTS, list permits, known regulations and describe project and harbor or port specific environment protection requirements.]

1.8 EXISTING CONDITIONS

[LOCAL REQUIREMENTS - Describe overall dredge and disposal sites. Types of marine traffic, light or heavy, wave action, operational restrictions of harbor, tidal range, currents swift, structures nearby?]

1.8.1 Known Obstructions

Known [artificial obstructions, [and magnetic anomalies] are as shown. Additional obstructions may be present as described in subpart "Unclassified Material." Remove cables, pipes, piles, wreckage, and other obstructions required to complete dredging. Removal may require [use of explosives or] additional equipment.]

[Port debris such as metal bands, pallets, pieces of broken cable, rubber tires, concrete rubble, wire rope, fire hose, and broken piles are know to be in work limits. No known obstructions, wreckage, or other material of such size and physical properties requiring use of explosives or additional plant for removal are known. [Prior to dredging, Contractor shall rake the dredge areas and shall remove debris encountered. Ensure turbidity controls are in place prior to raking.] Remove dredged obstruction debris from water, collect and dispose of in authorized disposal site or licensed land fill.]

1.8.2 Explosive Ordinance

[No explosive ordinance is known to be in project limits.] [Explosive ordinance has been discovered in project area in the past.] Should a suspected munition be brought on board [or lodged in drag heads] cease operations immediately. Make no attempt to handle [or dislodge] item until cleared by U.S. Coast Guard.

1.9 [TEMPORARY FACILITIES]

[See Section 01500 Temporary Facilities]

1.9.1 Site Office

[The Contractor shall provide a land based office in the immediate vicinity of project. Office shall be equipped with at least one operable telephone and fax machine, which provides both local and long distance service. Provide office phone numbers to Contracting Officer during preconstruction conference. The telephone shall be monitored and answered by contractor personnel during working hours.]

1.9.2 [Disposal Area]

Provide "dump shack" with temporary electricity, HVAC, first aid kits, storage, drinking water and sanitary facilities. Provide light plants, needed to perform fuel point with double containment and fire extinguisher stations. Comply with ER 385-1-1.]

1.9.3 [Temporary Controls]

Provide temporary controls required for water quality, environmental protection, endangered species, project signs, site safety controls and permit requirements prior to start of dredging.]

1.9.4 [Accommodations For Quality Assurance Personnel]

Provide office space, living quarters, [cell phone,] radio, access to fax, [reimbursable] meals to Contracting Officer personnel performing contract quality assurance.]

1.9.5 Transportation

Provide boat transportation on [enclosed] crew boat as required for Contracting Officer personnel to get to and from dredge [and disposal area.] Boat shall be [specify local requirements, require USCG inspection appropriate for size of boat].

PART 2 PRODUCTS

PART 3 EXECUTION

3.1 NOTICES

(a) The Contractor shall give the contracting officer [five (5) days] [____ days] advance written notice before commencing work.

(b) The contractor shall be responsible for requesting Government before-dredging surveys, in writing [five (5)days] [____ days] prior to beginning work in an acceptance section.

(c) The contractor shall also be responsible for requesting Government after-dredging surveys, in writing [three (3)working days] [____ working days] prior to completion of an acceptance section.

3.2 NAVIGATION AIDS

There are aids to navigation within the project boundaries. Some, or all of such aids to navigation may need to be removed for the accomplishment of the contract work. It is the responsibility of the contractor to timely determine any need for moving of aids to navigation and to coordinate with the U.S. coast guard (USCG) and any other responsible parties to accomplish any needed movement. Any impacts to the work due to the inability of the Contractor to accomplish any needed movement of aids to navigation will not be the responsibility of the U.S. Government or of the contracting Officer.

3.3 TRAFFIC CONTROL PLAN

3.4 COMMUNICATIONS

The contractor shall furnish and maintain a radio telephone [and a cellular phone] on the dredge(s) throughout the period of the contract. The plant will not be allowed to begin work until the VHF marine band radio is installed and is in good working order [and a properly operating cellular phone is on board]. The radiotelephone shall be capable of operation from the dredge's main control station and capable of transmitting and receiving on a frequency or frequencies within the [156-162 megahertz band] using the classes of emissions designated by the Federal Communications Commission.

[Provide portable two-way radio communication system between dredge, other plant crews, and disposal area, [port operations.] [Provide radio to Contracting Officer's Quality Assurance personnel.] [Use of cellular for Contracting Officer's Quality Assurance Personnel will be allowed in place of radio.]

3.5 OVERDEPTH AND SIDE-SLOPES

3.5.1 Overdepth

[This contract allows overdepth dredging. No payment will be made for any material that is removed from below the allowable overdepth or outside of the indicated side-slopes.]

[Contractor shall dredge to required depth and may dredge allowable overdepth [as shown][specify depth].]

3.5.2 Side-Slopes

[Material actually removed, within limits approved by the Contracting Officer, leaving final side-slopes no flatter than 1 vertical to 3 horizontal will be paid for, whether accomplished by dredging the

original position or the space below the pay slope plane and allowing upslope materials to fall into the cut.]

[Dredge side slopes, to required excavation line as shown. Stepped excavation "box cuts" may be used at Contractor option.] [In rock vertical box cut is allowed.] [Side slope allowable overdepth is as shown] [Amount of material excavated from side slopes will be determined by average end cross-sections or computer software.][Material taken from beyond "box cut" limits will be deducted from total amount dredged as excessive dredging.]

3.5.3 Excessive Dredging

Material taken from beyond the limits as extended in paragraph 3.5.2, Side-Slopes (above), will be deducted from the total amount dredged as excessive dredging and will not be credited. Nothing herein shall be construed to prevent payment for the removal of shoals performed in accordance with applicable SPECIAL CONTRACT REQUIREMENTS or FINAL EXAMINATION AND ACCEPTANCE.

3.6 [MEASUREMENT AND PAYMENT] [SEE SECTION 01270 MEASUREMENT AND PAYMENT]

[Local Procedures][MEASUREMENT AND PAYMENT

Unclassified Excavation. The total volume of all unclassified excavation material removed and to be paid for under this contract will be measured by the cubic yards in place, by computing the volume between the bottom surface shown by soundings of a survey before dredging each acceptance section and the bottom surface shown by the soundings of a survey made as soon as practicable after completion of each acceptance section. If blasting is required, there will be no direct payment made for blasting. Material removed as a result of blasting and dredging will be measured and paid for as Unclassified Excavation. The calculations will exclude any volume of material removed from beyond the limits of the side-slopes and/or below the allowable overdepth and will be further reduced by the volume of any misplaced material. All pay quantities shall be determined from before and after dredging surveys conducted by the Government. Payment for Unclassified Excavation shall also include all disposal costs associated with transporting and disposal of material.

No payment will be made for Unclassified Excavation in an acceptance section until the full depth required under this contract is secured in the whole of such area.

Method of Survey. Hydrographic surveys to determine the volume of material removed under this contract will be accomplished by the Government with the use of a fully automated survey vessel. The RTK system shall be used by the Government and the Contractor for horizontal and vertical positioning corrections and for tide corrections. Horizontal location of survey lines and depth sounding points will be determined by the use of an automated positioning system utilizing either a microwave line-of-sight system or differential global positioning system. Depth soundings will be taken with a 200 kHz/28 kHz depth sounder/digitizer system. Payment for unclassified excavation will be based on 28 kHz depth soundings. The

fathometer will be adjusted twice daily using the bar check method to account for variations of the speed of sound in the water at the survey area. On automated surveys, position and depth data will be collected, stored on magnetic media, and subsequently processed by the Government for map preparation and quantity computations.

Data will be secured by running survey lines parallel to the longitudinal axis of the channel. A sufficient number of lines will be run within the channel to assure good coverage of the bottom. A sufficient number of lines will also be run in the side slope area to account for side slope ratio versus project depth. The after dredging surveys will be performed in the same manner as the before dredging surveys. Weather permitting, before and after dredge surveys will be made during the same tidal stage.]

3.6.1 [Surveys]

[SPECIFY LOCAL REQUIREMENTS, notifications, QA Rep present etc.]

[Contracting Officer} [Contractor] will perform pre and post dredging survey.]

[Hydrographic survey will use [] frequency in [area].

[[Contractor shall notify Contracting Officer in advance of Contractor performed survey.]

3.6.2 Acceptance Sections

[Acceptance sections shall be a minimum [size]. Actual size and number of acceptance sections are determined by Contractor and Contracting Officer will back charge Contractor [\$] for each survey.]

[Acceptance sections are determined by Contracting Officer and may be shown on drawings or identified by schedule.]

[Acceptance sections are [as shown]

[Acceptance Sections are listed below :

DREDGE ACCEPTANCE SECTION SCHEDULE

Channel	Sta to Sta	Range Name	Depth (-FT)]
Fill Area	Sta to Sta ____		Elev.(Ft)

3.6.3 [ACCEPTANCE SURVEYS]

As soon as practicable after the completion of the entire work or any acceptance section which, in the opinion of the Contracting Officer will not be subject to damage by further operations under the contract, multibeam surveys will be performed by the government. The purpose of the multibeam surveys will be to determine the presence of material above required project depth and will not be used to determine volume of material dredged for payment purposes. Other

methods, depending on density of bottom material, may be required to determine bottom elevations. Should any material above required project depth be encountered by this examination the Contractor will be required to remove same at the contract rate for Unclassified Excavation. When the area is found to be in a satisfactory condition, it will be accepted. If more than two sounding operations by the Government over an area are necessary because of work for the removal of material disclosed by prior soundings, the cost of such subsequent soundings will be charged against the Contractor at the rate of [\$5,000.00] [_____] per day in which the Government plant is engaged in sounding, is enroute to or from the site, or is held at or near the site for such operations.]

3.6.4 [Payment Procedures]

3.6.4.1 Progress [Monthly] Payments

[Progress estimates of work completed shall be based on [an estimate of quantities based on pre-dredge survey in areas completed.] [an estimate based on [[] percent of scow load] [[]percent of hopper measurements.]]or [results of progress surveys in channel [borrow area] [and fill area] Contracting Officer will consider hydrographic survey along with reported daily quantities reduced as appropriate for accuracy to determine amount of progress payment.]

[Progress estimate will be based on Contractor progress survey. Promptly furnish copies of survey notes, sounding plots and other survey documentation for Contracting Officer to use to determine amount of progress payment. Deductions will be made for dredging and disposal not in accordance with contract.]

3.6.4.2 [Final Payment]

[Final payment measurements [will] [shall] be performed by [Contracting Officer] [Contractor] [using electronic hydrographic survey sweeps made in accordance with EM1110-2-1003. Lead line soundings will be taken as needed.][Fill measurement will be measured by topographic survey of disposal areas][Payment quantities once measured and calculated from final payment quantity survey will not be reopened unless agreed to by Contracting Officer.

3.7 COORDINATION WITH OTHER DREDGERS

Other dredges are expected to be dredging in [general area] [specify area]. The contractor shall Coordinate activities with the other dredge companies so as to not interfere with with their operations.

3.8 NAVIGATION WARNINGS

Furnish and maintain navigation warning signs, notice signs, and night time flashing lights along pipeline, see subpart "SUBMERGED PIPELINE" below. [Contact USGC [notification period] to publish "Notice to Mariners" as needed to inform marine user of dredge pipeline locations.]

3.9 PRECONSTRUCTION SURVEY AND LAYOUT

Perform required preconstruction survey and layout survey control and temporary buoys, monuments, stationing, grade stakes required to perform work. Confirm locations of monuments, bench marks, tidal stations and ensure tidal data is accurate.

3.10 MECHANICAL DREDGING

If a mechanical dredge is used for excavation, the contractor shall design and furnish a debris screen with a maximum hole size of [15][__] inches square. The screen shall be designed and constructed for repeated use and maintain structural integrity when subjected to repeated placement of excavated material from the [river] [channel] bottom. The contractor shall submit a debris screen design including plans and specifications to the Contracting Officer for approval a minimum of five (5) days prior to commencement of dredging. All costs associated with design, construction, deployment operation and maintenance of the debris screen, and disposal of debris shall be included in the contract unit price for ["Unclassified Excavation"] [insert bid item].

3.10.1 Condition of Scows

Place material excavated by mechanical dredging (bucket, clam shell, drag line or dipper) into scows and transport to approved disposal site. All scows shall be kept in good condition and the coamings kept in good repair. All scows shall have their pockets provided with proper doors or appliances to prevent leakage of material. The overflow of material from the scows is prohibited. Failure to repair leaks or change methods of operations which is resulting in overflow or spillage will result in suspension of dredging. Prompt repair or change of operation to prevent overflow or spillage to the satisfaction of the Contracting Officer will be required before the Contractor will be allowed to resume dredging operations. [All scows shall be equipped with a radio controlled dump mechanism.]

[All disposal vessels will be equipped with draft measurement and recording devices. The draft of the vessels will be constantly updated throughout the entire cycle. The data will be transmitted by radio to the tug and simultaneously recorded and included in the Contractor's daily report.] [LOCAL REQUIREMENTS]

[All material must be released in the designated ocean disposal area. This disposal area, as well as the dump buoy and route to be followed from the site of work to the disposal area, is shown on the contract drawings. Any material released other than in the designated disposal area, will be considered noncompliance with these specifications and will be treated as such.] [LOCAL REQUIREMENTS]

[Debris Screening and Disposal. The Contractor may encounter wood and other debris with the dredging limits. The wooden debris may consist of tree trunks, stumps, roots and limbs. The size of the wood may vary considerably. All excavated material to be dumped in the ODMDS which is to be removed by a mechanical dredge (clamshell, dragline or dipper) shall be screened for debris prior to being placed in a disposal vessel. The Contractor shall design and furnish a debris screen with a maximum hole opening size [ten] [__] inches square. The Contractor shall receive the Contracting Officer's written

approval of the debris screen a minimum of five (5) days prior to commencement of dredging. The debris shall be measured and recorded in cubic yards and placed in a separate barge or other conveyance and disposed of in a public or private upland disposal area in accordance with all applicable Federal, State and local laws and regulations. Bidders are expected to investigate the availability of disposal areas and any restrictions associated with each, prior to submitting their bids. Any costs associated with design, construction, deployment, operation, maintenance of the debris screen, and disposal of debris is the responsibility of the Contractor and shall be included in the contract unit price for dredging.]

3.11 HOPPER DREDGING

3.11.1 Dredge Condition

[Provide hopper dredge in good repair. Prior to coming on site, inspect and make needed repairs. Hopper doors shall seal to prevent leakage through doors.] [Insert - LOCAL REQUIREMENTS - (drag heads with turtle deflectors)]

3.11.2 Dredging Operations

Fill hopper, transport and deposit material within disposal areas. See subpart Field Quality Control for monitoring and record keeping.

[Insert - LOCAL REQUIREMENTS]

3.12 PIPELINES

3.12.1 Pipe Location

Transport and deposit material to disposal areas [as shown]. Place pipelines within permitted pipe corridors. [LOCAL REQUIREMENTS for pipeline controls, disposal area monitoring.]

3.12.2 Disposal Cell Discharge Controls

[LOCAL REQUIREMENTS.]

3.13 CONTRACTOR-FURNISHED DISPOSAL AREAS

3.13.1 [Contractor Furnished Disposal Area]

Contractor may, at his option, dispose of dredge material at a Contractor furnished disposal area. For Contractor-furnished disposal areas to be approved by Contracting Officer, Contractor shall submit written permission of owners of property for access to proposed disposal areas, as well as written approval of Federal, State, and local fish and wildlife and pollution control agencies for use of proposed disposal areas. [List State, Local, Agencies who have been furnished copies of plans and specifications for project planning and design review for this solicitation.]

No Contractor-furnished disposal areas will be considered by Contracting Officer until after Notice of Award. Variation from

contract disposal areas require written Contracting Officer approval. Contractor may propose alternate disposal areas as a proposed variation [or Value Engineering Change Proposal (VECP)]. When variation will result in lower disposal costs, Contracting Officer and Contractor shall negotiate contract modification.

In variation submission, [or VECP]:

- Submit cost data, schedule impact.
- Demonstrate no adverse impacts to project will result from a variation.
- Ensure proposed disposal area has capacity to hold dredged material, meets water quality requirements, and necessary permits have been obtained.
- Condition of dikes are suitable and stable to contain dredge effluent.
- Provide written permission of Disposal site property owners, and property owners for construction easement access to proposed disposal areas.
- Provide written approval [permit changes] from Federal, State, and local fish and wildlife and pollution control agencies to use proposed disposal areas.

[Following agencies were furnished copies of plans and specifications under project solicitation:

List as Appropriate:

State Agencies

List as Appropriate:

Federal Agencies

Comply with applicable environmental regulations involving disposal of dredged material into confined disposal sites. If an adverse impact to schedule occurs, dispose of material into contract disposal areas. Maintain and repair dikes at proposed disposal sites.

When Contractor-furnished disposal areas are approved by Contracting Officer, submit information required by form entitled "CONTRACTOR-FURNISHED DISPOSAL AREAS",

[Attachment ___ of SECTION 01452 Contractor Quality Control]
[Form appended at end of section]

3.14 PIPELINE SIGNAGE/MARKERS

Erect and maintain "Dredging In Progress" signs located between 0.5 and 1 mile on either side of channel in each area being dredged. Relocate signs as dredging progresses. [Post warning signs along on-shore pipelines in populated areas.] [In addition to warning signs, when discharging or grading with heavy equipment, provide security person or flag persons, and temporary safety fencing as needed for

safety.][Provide additional signs at locations as directed by Contracting Officer.

Signs shall be [4' by 8'] [] in size and read:

"CAUTION: DREDGING IN PROGRESS, FOR ASSISTANCE,
CONTACT DREDGE ON CHANNEL [16]."

"CAUTION: SUBMERGED PIPELINE CROSSING."

Where submerged pipeline cross navigation channel, install and maintain [red over red][] lights on both sides of navigation channel to mark location of submerged pipeline.]

Where pipeline is supported by trestle or floating pipeline, install and maintain [flashing yellow lights] [] at [10 meter] [30 feet] intervals from [red light][] marking location of the pipeline to shoreline.

(1) [Red over red] [] lights shall be visible all around horizon, visible for at least 2 miles on a clear dark night and one meter apart in a vertical line with the lower light at the same height, not less than 1 and not more than 3.5 meters, above the water at the yellow lights.

(2) Flashing yellow lights shall flash at a rate of [] [50 to 70] times per minute, be visible all around horizon, and be visible for at least 2 miles on a clear dark night, shall be not less than 1 and not more than 3.5 meters above the water, shall be equally spaced.

(3) When submerged pipeline runs outside navigation channel but parallel to shoreline mark pipeline route with buoys with [yellow lights] at intervals not to exceed [] [500] meters [] [1500 feet] and at abrupt changes in direction. Lights shall be visible for at least 2 miles on a clear dark night, visible all around the horizon, not less than one

(1) and not more than 3.5 meters above water and equally spaced.

3.15 CONDUCT OF DREDGING WORK

3.15.1 Order of Work

Contracting Officer [will not][will] direct Contractor on order of work. Contracting Officer reserves right to change order of work at any time.

3.15.2 Interference with Navigation

Minimize interference with marine traffic use of channels and navigable waters. Contracting Officer [will] [will not] direct Contractor to move dredging plant, pipelines or interrupt of dredging operations when necessary. [Interruptions may be directed to accommodate movement of Military Ships or large commercial vessels and floating equipment.]

3.15.2.1 Compensation for Interruption of Operations

When dredging operations are interrupted due to movement of vessels or floating equipment, an adjustment in contract price or time for completion, will be made as provided by contract. Contracting Officer will notify Contractor 24 hours prior to interrupting dredging operations.

3.16 LIGHTS

From dusk until dawn and during reduced visibility (fog, rain etc.) provide lights on floating plants, pipelines, range buoys and markers. Provide lights for buoys and other floating items that could endanger or obstruct navigation. During night work, maintain lights for safe dredging and disposal operations. Marking lighting shall conform to United States Coast Guard requirements for visibility and color. Work lighting shall conform to EM 385-1-1 for minimum candle power. [When working during sea turtle nesting season ensure lights are shielded as described in Section [01355 Environmental Protection]

3.17 RANGES, GAGES, AND LINES

Provide, set, and maintain ranges, buoys, and markers needed to define work and facilitate inspection. Provide and maintain gages in locations observable from each part of work so that depth may be determined. Suspend dredging when gages or ranges cannot be seen or followed. [Contracting Officer will furnish, upon request by Contractor, survey lines, points, and elevations necessary for the setting of ranges, gages, and buoys.]

3.18 PLANT

See Subpart [Mechanical Dredging] [Hopper Dredging] [Pipeline Dredging] above. Maintain dredge plant, scows, coamings, barges, pipelines, and associated equipment to meet requirements of work. Promptly repair leaks or breaks along pipelines.

3.19 DISPOSAL OF EXCAVATED MATERIAL

[Specify Local Requirements - Dispose of dredged materials only in authorized disposal sites. [Comply with rules and regulations of local port and harbor authorities, or disposal area permit. Record each dump cycle with start and end times and discharge locations.]

3.19.1 Disposal Area Operations

[Deposit material as fill with uniform grades.] [Provide and maintain necessary bulkheads, dikes, ditches, weirs, spillways, and other construction necessary to confine and retain fill in dredge fill area.]

3.19.2 Operation of Control Structures

Sluiceways on controlled disposal area levees [dikes] are operated and maintained by [_____]. [Contractor will be relieved of operating control structures.] [Contact [] before making control structure operations.]

3.19.3 Submerged Pipeline

[Submerged pipelines shall be placed [in designated pipe corridors as shown.[in Contractor selected corridors as allowed by permit]. If a leak occurs in discharge pipeline, immediately stop discharge until leaks are repaired.]

3.19.4 Salvaged Material

[LOCAL REQUIREMENTS - Notify Contracting Officer immediately when salvage material or items of historical value are located. Salvaged material and historical items belong to [Contracting Officer]] [State] and shall be delivered by Contractor to location as directed.]

3.20 SAFETY OF STRUCTURES

[Local Requirements - Prior to dredging adjacent to structures (piers, bulkheads), ensure stability of structures. Repair damage resulting from dredging operations.]

3.21 PLANT REMOVAL

[LOCAL REQUIREMENTS - Upon completion promptly remove plant, including ranges, buoys, piles, other markers and obstructions. [Perform inventory of buoys, grade stakes and other items used to ensure complete plant removal.

3.22 FIELD QUALITY CONTROL

[Inspect work, keep records of work performed, and ensure that monitoring instruments, gages, targets, ranges, and other markers are in place and usable for intended purpose. Provide boats, boatmen, laborers, and materials necessary for quality assurance of dredge operations and surveying work. Provide transportation for Contracting Officer Quality Assurance Representatives from points on shore to and from dredging plant, disposal areas and points on shore. [Perform and document required Contractor Quality Control activities for dredging, activity reporting, safety, water quality, environmental protection and endangered species monitoring.]

3.23 DREDGE POSITIONING SYSTEM

Each dredge shall be equipped with an electronic positioning system, capable of positioning the dredge in the channel with accuracies equal to contract payment surveys (Class 1), as specified in the U.S. Army Corps of Engineers, Engineer Manual, EM 1110-2-1003, Hydrographic Surveying, dated 31 October 1994 and as superseded by EC 1130-2-210 dated 1 October 1998. This positioning system shall be established, operated, and maintained by the Contractor during the entire period of the contract. The positioning system shall be used to precisely locate the dredge and shall be capable of displaying and recording the dredge's location in an acceptable coordinate system which can be related to, or is directly based on, the _____ State Plane Coordinate System. Navigation channel control, and shore station control, if required, will be provided to the Contractor in the same

_____ Coordinate System prior to the commencement of work. It shall be the responsibility of the Contractor to have the positioning/navigation system reviewed and inspected by the Contracting Officer's Representative prior to the commencement of work.

1.1 [ENTER SUBPART TITLE HERE] 3.24 [VESSEL INSTRUMENTATION FOR OCEAN DREDGE MATERIAL DUMP SITE ODMDS]

[SPECIFY LOCAL REQUIREMENTS - Require hopper dredge and tow boats be instrumented to measure time, location, drafts and plot disposal operations. Purpose is to record proper disposal or identify damage caused by Contractor.]

[Provide [hopper dredge] [tugs and scows] equipped with instruments to measure and record:

Vessel location in borrow, channels and dump sites.
Draft measurement throughout dredge/dump cycle.
Material release at dump site.

[Use "Silent Inspector" remote monitoring]

3.24.1 Recording Device Breakdowns

[When recording devices break notify Contracting Officer immediately. Repair or immediately replace upon return dredging site. [To prevent delay and when notified by Contractor that no recording device is operational Contracting Officer may allow Contractor vessel to complete one loading and dump cycle. During this one loading and dump cycle, Contractor shall manually record vessel position at [10][20] minute intervals listing vessel GPS coordinates or plot position on chart. After completion vessel shall not be allowed to resume dredging until recording devices are operational.]

3.25 DISPOSAL RECORDS

[Record date, time, beginning and end coordinates for each load placed in disposal area [including flow lanes]. Disposal site boundaries [and interior cells] shall be plotted. Information shall be printed and provided to Contracting Officer on a daily basis. [Provide daily report with a plot of previous day's dumps by noon of following work day.]

3.26 FINAL INSPECTION AND ACCEPTANCE

After completion of dredging in an area (acceptance sections) it will be examined by Contracting Officer by [sounding] or [survey], or both. Remove shoals and lumps as needed to satisfactorily perform contract work. [If bottom is soft and shoal areas form no material obstruction to navigation, removal may be waived at sole discretion of Contracting Officer. Contractor will be notified when [soundings] or sweepings are to be made and will be permitted to accompany sounding or sweeping party and to inspect the data and methods used in preparing the final estimate. When areas are found to be in a satisfactory condition, area will be accepted as complete. Final estimates will be subject to deductions or correction of deductions

previously made because of excessive overdepth, dredging outside or authorized areas, or disposal of material in an unauthorized manner.

3.27 SAMPLE FORMS

Attach ENG 4267 Report of Operations - Pipeline, Dipper or Bucket Dredge

Attach ENG FORM 27A Daily Report of Operations - Hopper Dredges

LOCAL FORMS Plant Inspection FORMS, Survey Certifications.

HOPPER/TOW BOAT - DUMP CYCLE REPORT FORMAT:

Hopper [load] [dump] number.

Date

Time dump began.

Location from which dredged material came (record from/to stations with left or right off-sets from baseline).

[Beginning (hopper opened) and end (hopper closed) coordinates for each dump, vessel position, and draft in [15][30] minute intervals for each disposal cycle.

Compass heading at beginning of dump.

Observed depth at dump location.

Number of cubic yards in each dump.

Briefly describe material in each dump (e.g., clean, coarse sand; sand and shell; sand mixed with clay and shell; dark organic silt sand; debris or others).

Map number on which dump is plotted.

-- End of Section --